

Page 1 of 23
Permit No.: ST-5562
Issuance Date:
Effective Date:
Expiration Date:

STATE WASTE DISCHARGE PERMIT NUMBER ST-5562

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE
YAKIMA, WASHINGTON 98902

In compliance with the provisions of the
State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington, as amended,
authorizes

CHELAN COUNTY PUBLIC COUNTY UTILITY DISTRICT NO.1
COMMUNITY OF DRYDEN
PUBLICLY-OWNED TREATMENT PLANT
P.O. BOX 1231
WENATCHEE, WA 98807-1231

to discharge wastewater in accordance with the special and general conditions which follow.

<u>Plant Location:</u> ¼-mile north of the Community of Dryden, WA	<u>Discharge Location:</u> Legal Description : SE ¼ Section 27, Range 18 E, Township 24 N; SW ¼ Section 26, Range 18 E, Township 24 N
<u>Treatment Type</u> Class 1, Community septic tank, drainfield beds, and distribution pipes.	Latitude: 47° 32' 37" N Longitude: 120° 33' 39" W

G. Thomas Tebb, L.E.G.
Section Manager
Water Quality Program
Central Region Office
Washington State Department of Ecology

DRAFT

TABLE OF CONTENTS

	Page
SUMMARY OF PERMIT REPORT SUBMITTALS.....	4
SPECIAL CONDITIONS	6
S1. DISCHARGE LIMITATIONS	6
S2. MONITORING REQUIREMENTS	7
A.1. Wastewater Monitoring	7
A.2. Wastewater Sampling and Analysis Monitoring Plan	8
B. Sampling and Analytical Procedures	8
C. Flow Measurement.....	9
D. Laboratory Accreditation	9
S3. REPORTING AND RECORDKEEPING REQUIREMENTS	9
A. Reporting.....	9
B. Records Retention	10
C. Recording of Results	10
D. Additional Monitoring by the Permittee	10
E. Noncompliance Notification	11
S4. FACILITY LOADING	11
A. Design Criteria	11
B. Plans for Maintaining Adequate Capacity	11
C. Wasteload Assessment	12
S5. OPERATION AND MAINTENANCE.....	13
A. Certified Operator	13
B. O & M Program	13
C. Short-term Reduction	13
D. Electrical Power Failure.....	14
E. Prevent Connection of Inflow	14
F. Bypass Procedures	14
G. Operations and Maintenance Manual.....	15
S6. RESIDUAL SOLIDS.....	16
S7. SCHEDULE OF COMPLIANCE.....	16
A. Water Quality Evaluation (Hydrogeologic Study).....	17
A.1. Scope of Work	17
A.2. Sampling and Analysis Plan	18
A.3. Establishment of Monitoring Network	18
A.4. Notification of Monitoring Initiation	18
A.5. Water Quality Evaluation Study Results	18
B. Facility Plan	19

B.1.	Scope of Work for Facility Plan	19
B.2.	Progress Report for Facility Plan.....	19
B.3.	Draft Facility Plan.....	19
B.4.	Final Facility Plan	19
GENERAL CONDITIONS		20
G1.	SIGNATURE AUTHORIZATION/DELEGATION	20
G2.	RIGHT OF ENTRY	21
G3.	PERMIT ACTIONS.....	21
G4.	REPORTING A CAUSE FOR MODIFICATION	21
G5.	NOTIFICATION OF NEW OR ALTERED SOURCES	22
G6.	PLAN REVIEW REQUIRED	22
G7.	COMPLIANCE WITH OTHER LAWS AND STATUTES	22
G8.	DUTY TO REAPPLY	22
G9.	PAYMENT OF FEES.....	22
G10.	PENALTIES FOR VIOLATING PERMIT CONDITIONS	22

SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First and Subsequent Submittal Dates
S2.A.2.	Wastewater Sampling and Analysis Plan	1/permit cycle	[insert date 3 months after effective date of permit]
S3.A.	Discharge Monitoring Report	Monthly	insert date
S4.C.	Wasteload Assessment	1/permit cycle	[insert date two years after effective date of permit]
S5.G.	Operations and Maintenance Manual	1/permit cycle	[insert date one year after permit effective date]
Special Condition Seven - Comply with Permit Conditions: S7.A.1. -- S7.A.5. Water Quality Evaluation OR S7.B.1. -- S7.B.4. Facility Plan			
S.7.A. Water Quality Evaluation			
S7.A.1.	Scope of Work for the Water Quality Evaluation	1/permit cycle	[insert date one year after permit effective date]
S7.A.2.	Sampling and Analysis Plan	1/permit cycle	[insert date two years after permit effective date]
S7.A.4.	Notification of Monitoring Initiation	1/permit cycle	[insert date two years after permit effective date]
S7.B.4.	Final Facility Plan	1/permit cycle	[90-days after draft engineering approval date]
S7.A.5.	Water Quality Evaluation Study Results	1/permit cycle	[insert date four years after effective date of permit]

Page 5 of 23
 Permit No.: ST-5562
 Expiration Date:

Permit Section	Submittal	Frequency	First and Subsequent Submittal Dates
S7.B. Facility Plan			
S7.B.1.	Scope of Work for Facility Plan	1/permit cycle	[insert date one year after permit effective date]
S7.B.2.	Progress Report for Facility Plan	1/permit cycle	[insert date two years after permit effective date]
S7.B.3.	Draft Facility Plan	1/permit cycle	[insert date 30 months after permit effective]
S7.B.4.	Final Facility Plan	1/permit cycle	[90-days after draft engineering approval date]
G8.	Application for permit renewal	1/permit cycle	Enter a specific date one year before permit expiration

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on **the effective date** and lasting through **the expiration date of this permit**, the Permittee is authorized to discharge wastewater to the drainfields at the permitted location subject to the following limitations:

EFFLUENT LIMITATIONS ^a	
Parameter	Daily Maximum ^b
5-Day Biochemical Oxygen Demand (BOD ₅)	230 mg/L
Total Suspended Solids	150 mg/L
pH	Not outside the range of 6.0 to 10.0
^a The point of compliance for these effluent limitations is the last accessible sampling port prior to discharge to the drainfields.	
^b "Daily maximum" means the maximum allowable discharge of a pollutant during a calendar day.	

S2. MONITORING REQUIREMENTS

A.1. Wastewater Monitoring

The Permittee shall monitor the wastewater according to the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Flow	MGD	Septic Tank Influent	daily	Meter
pH	Standard Units	Septic Tank Influent	1/week	Grab
pH	Standard Units	Septic Tank Effluent	1/week	Grab
BOD ₅	mg/l	Septic Tank Influent	1/month	Grab or Composite
BOD ₅	mg/l	Septic Tank Effluent ^a	1/month	Grab or Composite
BOD ₅	lbs/day	Septic Tank Effluent	1/month	Calculation
TSS	mg/l	Septic Tank Influent	1/month	Grab or Composite
TSS	mg/l	Septic Tank Effluent	1/month	Grab or Composite
TSS	lbs/day	Septic Tank Effluent	1/month	Calculation
Total Nitrogen (as N)	mg/l	Septic Tank Effluent	1/month	Grab or Composite
Total Nitrogen (as N)	lbs/day	Septic Tank Effluent	1/month	Calculation
Total Phosphorus (as P)	mg/l	Septic Tank Effluent	1/month	Grab or Composite
Total Phosphorus (as P)	lbs/day	Septic Tank Effluent	1/month	Calculation
Chloride	mg/l	Septic Tank Effluent	1/month	Grab or Composite
Chloride	lbs/day	Septic Tank Effluent	1/month	Calculation

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Total Dissolved Solids	mg/l	Septic Tank Effluent	1/month	Grab or Composite
Total Dissolved Solids	lbs/day	Septic Tank Effluent	1/month	Calculation
^a Sample effluent at the last accessible sampling point prior to discharge to drainfield.				

A.2. Wastewater Sampling and Analysis Monitoring Plan

The Permittee shall submit a Wastewater Sampling and Analysis Plan to the Department no later than **[insert date 3 months after effective date of permit]** for review and approval. The purpose of the Plan is to insure that an effective protocol for the wastewater sampling program is developed. The Plan shall address S.1. Discharge Limitations and S.2.A.1. Monitoring Requirements of this permit. The Plan shall present the exact influent and effluent sampling locations. The Plan shall also present the sample type (composite or grab), sample handling and analytical protocol.

B. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets and maintenance-related conditions affecting effluent quality.

Ground water sampling shall conform to the latest protocols in the *Implementation Guidance for the Ground Water Quality Standards*, (Ecology 1996).

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

All soil analysis and reporting will be in accordance with *Laboratory Procedures*, Soil Testing Laboratory, Washington State University, November 1981. Sludge monitoring requirements specified in this permit shall be conducted according to test procedures specified in 40 CFR Part 503.

C. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three years.

D. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, settleable solids, turbidity, conductivity, pH, and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited.

S3. REPORTING AND RECORDKEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on **the effective date of the permit**. Monitoring results shall be submitted monthly. Monitoring data obtained during the previous month shall be summarized and reported on a form provided, or otherwise approved, by the Department, and be received no later than the 15th day of the month following the completed reporting period, unless otherwise specified in this permit. Priority pollutant analysis data shall be submitted no later than 45 days following the reporting period. The report(s) shall be sent to:

Permit Data Coordinator
Department of Ecology
Central Region Office
15 West Yakima Avenue, Suite 200
Yakima, WA 98902

Discharge Monitoring Report forms must be submitted monthly whether or not the facility was discharging. If there was no discharge or the facility was not operating during a given monitoring period, submit the form as required with the words "no discharge" entered in place of the monitoring results.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of 3 years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

The Permittee shall retain all records pertaining to the monitoring of sludge for a minimum of 5 years.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2. of this permit, then the results of this monitoring shall be included in calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, and correct the problem;
2. Repeat sampling and analysis of any violation and submit the results to the Department within 30 days after becoming aware of the violation;
3. Immediately notify the Department of the failure to comply; and
4. Submit a detailed written report to the Department within thirty days, unless requested earlier by the Department, describing the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the resampling, and any other pertinent information.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

S4. FACILITY LOADING

A. Design Criteria

The maximum daily influent flow criterion of 0.023 MGD shall not be exceeded.

B. Plans for Maintaining Adequate Capacity

When the actual flow reaches 85 percent of the design criterion in S4.A. for three consecutive months, or when the projected increases would reach design capacity within five years, whichever occurs first, the Permittee shall submit to the Department, a plan and a schedule for continuing to maintain capacity at the facility sufficient to achieve the effluent limitations and other conditions of this permit. This plan shall address any of the following actions or any others necessary to meet this objective.

1. Analysis of the present design including the introduction of any process modifications that would establish the ability of the existing facility to achieve the effluent limits and other requirements of this permit at specific levels in excess of the existing design criterion specified in paragraph A above.
2. Reduction or elimination of excessive infiltration and inflow of uncontaminated ground and surface water into the sewer system.
3. Limitation on future sewer extensions or connections or additional influent flow.
4. Modification or expansion of facilities necessary to accommodate increased flow.
5. Reduction of industrial or commercial flows to allow for increasing sanitary flow.

Engineering documents associated with the plan must meet the requirements of WAC 173-240-060, "Engineering Report," and be approved by the Department prior to any construction. The plan shall specify any contracts, ordinances, methods for financing, or other arrangements necessary to achieve this objective.

C. Wasteload Assessment

The Permittee shall conduct an assessment of their flow and waste load and submit a report to the Department by [insert date two years after effective date of permit]. The report shall contain the following: an indication of compliance or noncompliance with the permit effluent limitations; a comparison between the existing and design monthly average dry weather and wet weather flows, peak flows, BOD, and total suspended solids loadings; and percentage increase in these parameters since the last annual report. The report shall also state the present and design population or population equivalent, projected population growth rate, and the estimated date upon which the design capacity is projected to be reached, according to the most restrictive of the parameters above. The interval for review and reporting may be modified if the Department determines that a different frequency is sufficient.

The report shall indicate the proper design area of the drainfield based current and projected flows, utilizing guidance given in: *Design Standards for Large On-Site*

Sewage Systems (Washington State Department of Health, December 1993 (amended July 1994)).

If the Permittee chooses to comply with the S.7.B. Facility Plan section of this permit, the S.4.C Wasteload Assessment requirement shall be waived by the Department.

S5. OPERATION AND MAINTENANCE

The Permittee shall at all times be responsible for the proper operation and maintenance of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

A. Certified Operator

An operator certified for at least a Class I plant by the State of Washington shall be in responsible charge of the day-to-day operation of the POTW and shall be present at the POTW during all shifts when operational changes are made to the wastewater treatment process.

B. O & M Program

The Permittee shall institute an adequate operation and maintenance program for their entire sewage system. Maintenance records shall, at a minimum, be maintained on all major electrical and mechanical components of the POTW. Such records shall clearly specify the frequency and type of maintenance recommended by the manufacturer and shall show the frequency and type of maintenance performed. These maintenance records shall be available for inspection at all times.

C. Short-term Reduction

If a Permittee contemplates a reduction in the level of treatment that would cause a violation of permit discharge limitations on a short-term basis for any reason, and such reduction cannot be avoided, the Permittee shall give written notification to the Department, if possible, 30 days prior to such activities, detailing the reasons for, length of time of, and the potential effects of the reduced level of treatment. This notification does not relieve the Permittee of their obligations under this permit.

D. Electrical Power Failure

The Permittee is responsible for maintaining adequate safeguards to prevent the discharge of untreated wastes or wastes not treated in accordance with the requirements of this permit during electrical power failure at the POTW. This may be done by means of alternate power sources, a standby generator, or the retention of effluent.

E. Prevent Connection of Inflow

The Permittee shall strictly enforce their sewer ordinances and not allow the connection of inflow (roof drains, foundation drains, etc.) to the sanitary sewer system.

F. Bypass Procedures

The Permittee shall immediately notify the Department of any spill, overflow, or bypass from any portion of the collection or treatment system.

The bypass of wastes from any portion of the collection or treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. Unavoidable Bypass -- Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

If the resulting bypass from any portion of the treatment system results in noncompliance with this permit the Permittee shall notify the Department in accordance with condition S3.E "Noncompliance Notification."

2. Anticipated Bypass That Has The Potential to Violate Permit Limits or Conditions -- Bypass is authorized by an administrative order issued by the Department. The Permittee shall notify the Department at least 30 days before the planned date of bypass. The notice shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Department will consider the following prior to issuing an administrative order:

- a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of the permit.
- b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
- c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by the Department under RCW 90.48.

3. Bypass For Essential Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions -- Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of the permit, or adversely impact public health as determined by the Department prior to the bypass.

G. Operations and Maintenance Manual

The approved Operations and Maintenance Manual shall be kept available at the treatment plant and all operators shall follow the instructions and procedures of this manual.

The Permittee's Operations and Maintenance (O&M) Manual shall be updated in accordance with WAC 173-240-080 and be submitted to the Department for approval by **[insert date one year after permit effective date]**. In addition to requirements of WAC 173-240-080 (1) through (5) the O&M Manual shall include:

1. Emergency procedures for plant shutdown and cleanup in event of wastewater system upset or failure.
2. Wastewater system maintenance procedures that contribute to the generation of process wastewater

3. Any directions to maintenance staff when cleaning, or maintaining other equipment or performing other tasks which are necessary to protect the operation of the wastewater system.
4. The treatment plant process control monitoring schedule.
5. The manual shall include as built drawings of the 2004 upgrade.
6. An Appendix A, which shall contain the Sampling and Analysis Plan for the Water Quality Evaluation (S7.A.2), if Water Quality Evaluation (S7.A) is chosen instead of Facility Plan (S7.B).

The O&M Manual shall be reviewed by the Permittee at least annually. Substantial changes or updates to the O&M Manual shall be submitted to the Department whenever they are incorporated into the manual.

S6. RESIDUAL SOLIDS

The Permittee shall manage all residual solids (grit, screenings, scum, sludge and solid waste) in accordance with the requirements of: (1) RCW 90.48.080 and Water Quality Standards; (2) applicable sections of 40 CFR Part 503 and Chapter 173-308 WAC, "Biosolids Management"; (3) applicable sections of Chapter 173-350 WAC, "Solid Waste Handling Standards."

The final use and disposal of biosolids shall be done in accordance with Chapter 173-308 WAC, "Biosolids Management", 40 CFR Part 503, and under coverage of the State general permit for biosolids management, as applicable.

The disposal of solid waste, other than biosolids, is regulated by the local jurisdictional health department in accordance with State solid waste regulations.

S7. SCHEDULE OF COMPLIANCE

A Schedule of Compliance is necessary to assure compliance with the State's ground water and surface water quality standards. Therefore, the Permittee shall submit to the Department either a Water Quality Evaluation or a Facility Plan for its wastewater treatment facility at Dryden. The goal of either report is to assure protection of water quality from the treatment plant's effluent discharges. The Permittee is required to be in compliance with any stated allocations or goals of the Wenatchee River Basin Multi-

parameter Total Maximum Daily Load for Dissolved Oxygen, pH, and Temperature and all applicable ground and surface water quality standards no later than **[insert date 10 years after the effective date of this permit]**.

On or before **[set date no later than one year after the effective date of the permit]** the Permittee shall submit **either**: A) Scope of Work and a Sampling and Analysis Plan for a Water Quality Evaluation or, B) Scope of Work for a Facility Plan.

The Scope of Work for a Water Quality Evaluation shall be followed by the establishment of a monitoring network that shall determine the impact of the Permittee's wastewater discharge on water quality. The Scope of Work for a Facility Plan shall be the predecessor of a Final Facility Plan that identifies a preferred alternative for treatment of wastewater that protects water quality.

A. Water Quality Evaluation (Hydrogeologic Study)

If this option is chosen, the Permittee shall evaluate the impact of the discharge to ground water quality and surface water quality by completing the following elements: a Scope of Work for a Water Quality Evaluation, a Sampling and Analysis Plan, installation of a ground water and surface water monitoring network, ongoing monitoring, and a report of study results for the Water Quality Evaluation. The purpose of the Water Quality Evaluation is to determine site specific hydrogeologic conditions, the extent of the effluent discharge's impacts to ground and surface water quality, and the extent of hydraulic continuity to the Wenatchee River.

A.1. Scope of Work

On or before **[insert date ONE YEAR after permit effective date]** the Permittee shall submit a scope of work for approval to the Department for a Water Quality Evaluation at the wastewater application site. The Scope of Work shall be prepared in accordance with WAC 173-200-080. The Scope of Work will conform to Guidelines for Preparation of Engineering Reports for Industrial Wastewater Land Application Systems, Ecology 1993 and Implementation Guidance for the Ground Water Quality Standards, Ecology 1996. The scope of work shall provide details of the Permittee's plan to study the effects of its activity on surface water quality and ground water quality.

A.2. Sampling and Analysis Plan

On or before **[insert date ONE YEAR after permit effective date]** the Permittee shall submit a Sampling and Analysis Plan for review and approval. The Plan shall propose ground water, soil, and surface water monitoring, including location, frequency, and parameters. Upon Departmental approval, the Plan shall be placed in Appendix A of the updated O&M Manual. The Plan shall be developed in accordance with Guidelines for Preparing Quality Assurance Project Plans for Environmental Studies, Ecology Publ. No. 01-03-003 and the appropriate sections of Implementation Guidance for the Ground Water Quality Standards, Ecology Publ. No. 96-02.

If the Permittee elects to conduct a Water Quality Evaluation, the Wastewater Sampling and Analysis Plan (S2.A.2) shall be an appendix to this Sampling and Analysis Plan.

A.3. Establishment of Monitoring Network

Within 90 days after review and approval of the Sampling and Analysis Plan by the Department, the Permittee shall begin construction of the ground water and surface water monitoring network. Well construction shall be in accordance with Chapter 173-160 WAC.

A.4. Notification of Monitoring Initiation

No later than **[insert date two years after effective date of permit]**, the Permittee shall notify the Department of well construction completion and begin monitoring according to the O & M Manual's Appendix A - Sampling and Analysis Plan.

A.5. Water Quality Evaluation Study Results

A report detailing results of the Water Quality Evaluation shall be submitted to the Department no later than **[insert date four years after effective date of permit]**.

B. Facility Plan

If this option is chosen, the Permittee shall submit to the Department a Facility Plan in accordance with Chapter 173-240 WAC that details a preferred alternative for wastewater treatment at the Community of Dryden that assures protection of ground and surface water quality. The following sequence of reports is necessary to achieve compliance with this provision:

B.1. Scope of Work for Facility Plan

On or before [insert date ONE YEAR after permit effective date] the Permittee shall submit a scope of work for approval to the Department for a Facility Plan for the wastewater treatment works, in accordance with WAC 173-240-050. The scope of work will conform to the standards put forth Criteria for Sewage Works Design. The scope of work shall provide details of the Permittee's plan to study the effects of its activity on surface water quality and ground water quality.

B.2. Progress Report for Facility Plan

Upon approval of the scope of work by the Department, the Permittee shall submit a Progress Report for the Facility Plan [insert date 2 YEARS after permit effective date].

B.3. Draft Facility Plan

The Permittee shall submit to the Department, for review and approval, a Draft Facility Plan by [insert date 30 months after permit effective date]. The Report shall propose a preferred alternative for a course of action to protect ground and surface water quality.

B.4. Final Facility Plan

Within 90 days after review and approval of the draft Facility Plan by the Department, the Permittee shall submit a Final Facility Plan that sets forth a course of action to protect ground and surface water quality.

GENERAL CONDITIONS

G1. SIGNATURE AUTHORIZATION/DELEGATION

All applications, reports, or information submitted to the Department shall be signed as follows:

- A. All permit applications shall be signed by either a principal executive officer or ranking elected official.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - 1. The authorization is made in writing by the person described above and is submitted to the Department at the time of authorization, and
 - 2. The authorization specifies either a named individual or any individual occupying a named position.
- C. Changes to authorization. If an authorization under paragraph B.2. above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

G2. RIGHT OF ENTRY

Representatives of the Department shall have the right to enter at all reasonable times in or upon any property, public or for the purpose of inspecting and investigating conditions relating to the pollution or the possible pollution of any waters of the state. Reasonable times shall include normal business hours; hours during which production, treatment, or discharge occurs; or times when the Department suspects a violation requiring immediate inspection. Representatives of the Department shall be allowed to have access to, and copy at reasonable cost, any records required to be kept under terms and conditions of the permit; to inspect any monitoring equipment or method required in the permit; and to sample the discharge, waste treatment processes, or internal waste streams.

G3. PERMIT ACTIONS

This permit shall be subject to modification, suspension, or termination, in whole or in part by the Department for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the state; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

G4. REPORTING A CAUSE FOR MODIFICATION

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a new or increased discharge or change in the nature of the discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least 60 days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

G5. NOTIFICATION OF NEW OR ALTERED SOURCES

The Permittee shall submit written notice to the Department whenever any new discharge or increase in volume or change in character of an existing discharge into the sewer is proposed which: (1) would interfere with the operation of, or exceed the design capacity of, any portion of the collection or treatment system; (2) would increase the total system flow or influent waste loading by more than 10 percent; (3) is not part of an approved general sewer plan or approved plans and specifications; or would be subject to pretreatment standards under 40 CFR Part 403 and Section 307(b) of the Clean Water Act. This notice shall include an evaluation of the system's ability to adequately transport and treat the added flow and/or wasteload.

G6. PLAN REVIEW REQUIRED

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least 180 days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

G7. COMPLIANCE WITH OTHER LAWS AND STATUTES

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

G8. DUTY TO REAPPLY

The Permittee must apply for permit renewal at least 1 year prior to the specified expiration date of this permit.

G9. PAYMENT OF FEES

The Permittee shall submit payment of fees associated with this permit as assessed by the Department. The Department may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

G10. PENALTIES FOR VIOLATING PERMIT CONDITIONS

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the

discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.